

Applicant: Friedrich BOECKING
Docket No. R.306611
Preliminary Amdt.

NEW ABSTRACT:

Please replace the original abstract with the following new abstract:

Abstract of the Disclosure

A fuel injector having a piezoelectric actuator directly actuating an injection valve member, which piezoelectric actuator acts on a booster piston, and a face end of the booster piston acts on a hydraulic coupling chamber for actuating the injection valve member, and the piezoelectric actuator is received in a hollow chamber in the injector housing, which hollow chamber is filled with a fuel volume that is under high pressure. The diameter of a sealing edge in the actuator base region corresponds to the diameter of the booster piston.